



PREMIUM RANGE

CE IP66 SELV

Features:

- Works with leading edge and trailing edge TRIAC dimmers
- PWM Output
- Output constant voltage
- High efficiency up to 84%
- Protections: Short circuit/over loading/over temperature
- IP66 design for outdoor installation

Model		ELED-100P-12T	ELED-100P-24T
Output	DC Voltage	12V	24V
	Voltage Tolerance	±0.5V	
	Rated Current	8.3A	4.16A
	Rated Power	100W	
Input	Voltage Range	200 – 240 VAC	
	Frequency Range	47 – 63HZ	
	Inrush Current	49.5A (Twidth=490µs 230VAC)	
	Power Factor (Typ.)	PF≥0.97/200VAC PF≥0.97/230VAC PF≥0.97/240VAC (Full Loading)	
	Full Load Efficiency (Typ.)	83%	84%
	Leakage Current	< 0.50mA	
Protection	Short Circuit	Shut down o/p voltage, re-power on to recover after fault condition is removed	
	Over Load	≤120% Constant current limiting, auto-recovery	
	Over Temperature	100°C±10°C shut down o/p voltage, re-power on to recover	
Environment	Working TEMP.	-40 - +60°C	
	Working Humidity	20 – 95% RH, non-condensing	
	Storage TEM., Humidity	-40 - +80°C, 10 – 95%RH	
	TEMP . Coefficient	±0.03%/°C (0-40°C)	
	Vibration	10-500Hz 5G 12min./ 1 cycle, period for 72min.each along X, Y, Z axes	
Safety & EMC	Safety Standards	EN61347-1 EN61347-2-13	
	Withstand Voltage	I/P-O/P:3.75KVAC I/P-FG:1.88KVAC O/P-FG:0.5KVAC	
	Isolation Resistance	I/P-O/P I/P-FG O/P-FG: 100MΩ/500VDC/25°C/70%RH	
	EMC EMISSION	Compliance to EN55015, EN61000-3-2,3 (≥60%load)	
	EMC IMMUNITY	EN61000-4-2,3,4,5,6,11, EN61547	
Others	Weight	1.1Kg	
	Size	230*70*46mm (L*W*H)	
	Packing	10 Pcs	

Architectural FX

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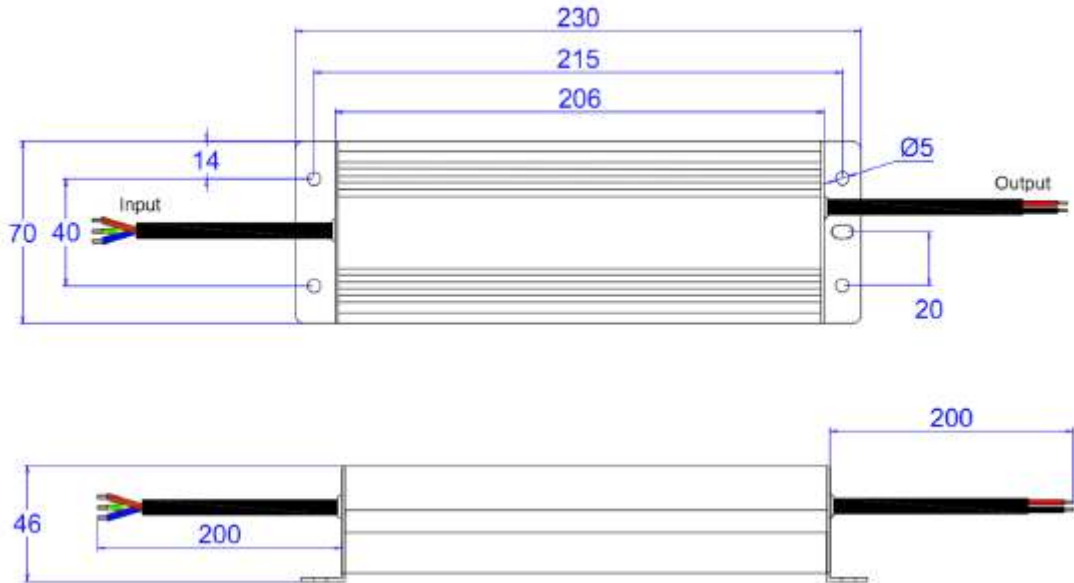
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ELED-100P-T Series

100 Watt Premium Triac Dimmable Driver

Mechanical Specification



Derating Curve

